

**Chronological History
of the
Department of Poultry Science
at the
Ohio State University
and
Ohio Agricultural Research and Development Center
Wooster, Ohio**

To 1969

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Preface

Little was recorded about poultry education from the beginning of the University in 1873 until the appointment of a full-time instructor in 1911.

Annual Reports of the President of the Ohio State University (O.S.U.) and of the Ohio Agricultural Experiment Station (O.A.E.S.) and more recently named the Ohio Agricultural Research and Development Center (O.A.R.D.C.) and Directories of the Staff have provided most of the information provided in this brief chronological history.

References are cited for many of the statements. They are listed by number in parenthesis and at the end of the article. Those containing most information are indicated by an asterisk (*).

The poultry work at O.S.U. and the O.A.E.S. have been covered concurrently with university events for the period listed first followed by those at the Station.

Staff members have been covered for year of appointment, educational background, duration of employment and reason for leaving. They are summarized in alphabetical order in Table 1 of the Appendix.

The Graduate (Research) Assistants Are listed in alphabetical order with the length of service, plus their specialization in Table 2 of the Appendix.

The degrees granted and the number of years are listed in Table 3 of the Appendix.

Technicians, secretarial staff and farm employees have not been included.

A. R. Winter

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1873 - 1910 BEFORE POULTRY WAS TAUGHT AS A SEPARATE SUBJECT.

1873

The Ohio State University opened as the Ohio Agricultural and Mechanical College (1)*.

In the beginning, all agricultural subjects were taught by Dr. Norton S. Townshend, a physician, who was interested in agricultural education (2) (3). Poultry was probably included in the teaching of animal husbandry.

1878

The name of the institution was changed from the Ohio Agricultural and Mechanical College to the Ohio State University (2).

The first mention of poultry in official university reports was an allocation of \$18.50 for construction of a poultry house at the university farm barn, at that time, west of the present Campbell Hall (4).

1893

By this date some interest had been created in poultry at the University. Two poultry houses were built on the campus, in the area west of the present Horticulture and Campbell Hall Buildings. The houses were each about 80' by 10'. Also, a 200 egg incubator and four brooders had been purchased (5).

*Refers to reference number at end of publication.

1894

The first poultry research work was reported from the University (6). It was on the subject of egg fertility and was reported in the first issue of the Agricultural Student.

1900

A small amount of poultry instruction was being given in the Department of Agriculture in the College of Agriculture and Domestic Science (7). It was taught by Frank Ruhlen, a graduate of the College, who devoted most of his time to the university farm operations and swine and poultry production.

The poultry houses constructed in 1893 had to be abandoned because of nearness to campus classrooms and laboratories (7).

1907

Poultry was included, for the first time, as one of the subjects in a winter short course in agriculture. The lectures included: the poultry plant, types and breeds of chickens, breeding, feeding, capons and broilers, marketing, turkeys, ducks, geese, fitting and exhibiting poultry, and diseases (8). A number of practical poultrymen were invited to assist Charles Plumb and his staff in Animal Husbandry in teaching the course, as there was no one specially trained and assigned to head poultry instructional work.

1908

The Ohio Agricultural Experiment Station (O.A.E.S.) Department of Animal Husbandry formulated plans to start poultry research work at Wooster and the Southeastern Test Farm at Carpenter (9).

1909

By 1909, the poultry interests of the state, and especially the fanciers, were instrumental in creating more interest in poultry at the University and the O.A.E.S. (10).

Charles Plumb, Head of the Department of Animal Husbandry, of which poultry was a part, organized the first state-wide poultry institute and show, in cooperation with Ohio poultrymen (11). The two-day program was held in Townshend Hall, with a night meeting downtown in the Board of Trade Auditorium, where about 500 were present to hear James E. Rice from Cornell University, the nation's leading poultry educator.

1910

The first course dealing with Poultry was listed in the 1910-11 University Catalog (12). Since poultry came under the Department of Animal Husbandry, the course was listed as:

An. Husb. 117-118, Poultry Husbandry, 3 cr. hrs. The year it was to be taught during 1911-12, if funds were made available for employment of a poultry instructor.

Ross Sherwood was employed in the O.A.E.S. Department of Animal Husbandry to develop a poultry research program at Wooster (13).

The poultry buildings planned for Wooster and Carpenter, in 1908, were completed (13). A 20' x 60' laying house was provided at Carpenter. The Wooster poultry farm buildings consisted of a central office, feed storage, incubator cellar and attached brooding wing; 14 colony brooder houses and three laying houses provided with yards.

1911 - 1919 WHILE POULTRY WAS A PART OF ANIMAL HUSBANDRY

1911

The Ohio Poultrymen, and especially the fanciers, under the leadership of Charles McClave, assisted the University in obtaining a legislative appropriation of \$7500 for the first university poultry farm (7) (10). It was to be located just west of the Olentangy River and south of the present Stadium Drive.

Freeman S. Jacoby, a graduate of Cornell University, was appointed as the first full-time poultry instructor in the Department of Animal Husbandry (7). The general course authorized for the school year 1910-11 (12) was taught for the first time in the 1911-12 school year (13) (73). It was started by Charles Plumb and his animal husbandry staff and turned over to Jacoby, who did not begin work until November 1, 1911.

The first O.S.U. extension publication on a poultry subject was -- Hints on Poultry Raising, C. R. Titlow, O.S.U., Agr. Col. Ext. Bul., 6. No. 5 Sup. 4, Jan. 1911. Titlow was an assistant in agricultural extension who devoted part-time to poultry production.

The first publication on poultry marketing was -- The Marketing of Eggs, C. S. Plumb, O.S.U. Agr. Col. Ext. Bul. 6, No. 8., 1911.

The first publication on poultry from the O.A.E.S. was - Farm Poultry, W. A. Lloyd and W. L. Elser (Department of Cooperation). O.A.E.S. Circ. 118, 1911. It dealt with the economics of poultry production and opportunities in poultry farming.

1912

Two additional poultry courses were added to the curriculum which already contained a course on general poultry (16). They were poultry feeding and incubation.

Ross Sherwood, in charge of poultry work at the O.A.E.S. resigned to accept a position at Texas A & M College (19).

1913

The university poultry farm along the west bank of the Olentangy River was completed (17). It consisted of a laboratory, feed storage and incubator cellar building, to which was attached a long (126') house for brooding chicks or keeping hens. An equipment storage building was attached to the other end of the long building. The farm also contained some colony brooding, rearing and breeding houses.

A. T. Bayes, an employee of the Animal Husbandry Department was made Superintendent of the poultry farm and remained in this capacity until retirement in 1954.

The first eight-week, winter short course in poultry production was offered (17). It included incubation, brooding, feeding, judging and diseases.

Custom hatching was provided at the university poultry farm for central Ohio poultrymen (18).

W. J. Buss, of the office staff of the Department of Animal Husbandry at the O.A.E.S. was placed in charge of the poultry work at Wooster, following the resignation of Ross Sherwood in 1912 (19).

The first poultry research publication was issued by the O.A.E.S. (19). It was Experiments with Poultry, R. M. Sherwood and W. J. Buss, O.A.E.S. Bul. 262, 1913. It covered work on cost of egg production, capon feeding and fertility of eggs.

1915

The poultry courses offered were increased and now consisted of poultry husbandry (general), poultry management, poultry feeding, poultry culture (for domestic science students), incubation practice and poultry judging (20).

M. C. Kilpatrick was appointed the first poultry extension specialist (20). He was to work with farmers institutes, schools and boys and girls clubs.

William Lapp, Class of 1915, was the first graduate of the College of Agriculture, who specialized in poultry, in the Department of Animal Husbandry (74). He, later, obtained an M.S. degree with specialization in agricultural economics, became a poultry extension specialist in Iowa and later was associated with the egg marketing industry.

1917

By this date poultry instruction was being provided for 40 students in the three year college program, 25 in the eight-week winter short course, 20 in the four-year program and 10 girls in domestic science (21).

1918

A. B. Dann was listed on the extension staff from July 1, 1918 to May 1, 1919 (Agricultural Student 24 (5), Jan. 1918) probably in poultry work. Available records regarding his work are incomplete. Dann was later on the staff of the Jamesway Company.

1919

H. D. Monroe, who had been in charge of the Storrs Egg Laying Contest at the Connecticut Agricultural College, was appointed an instructor in poultry extension (22). He replaced M. C. Kilpatrick, who resigned in 1919 to enter U.S.D.A. poultry marketing work.

E. L. Dakan, a graduate of the University of Missouri, and at the time on the staff of South Dakota State College, was appointed an instructor in poultry extension September 1, 1919 (22). His work was mainly in the field of poultry breed improvement and management. Dakan later became head of the Department and remained in this position for 32 years, until he accepted an O.S.U.-U.S.A.I.D. position in India in 1955.

1920 - 1947 WHILE THE POULTRY DEPARTMENTS WERE SEPARATE AT
O.S.U. AND THE O.A.E.S.

1920

This year poultry husbandry was separated from the Department of Animal Husbandry and made a separate department with F. S. Jacoby as the first Chairman (10) (75).

G. S. Vickers, a graduate of Cornell University, was appointed an instructor in poultry extension (23) (24).

H. D. Monroe resigned to accept a position at Pennsylvania State College (23).

1921

The O.S.U. poultry farm facilities were described and illustrated in the Agricultural Student (75) by C. R. Crum, the Poultry Editor.

W. J. Buss resigned as head of the poultry work at the O.A.E.S. to engage in the poultry breeding and hatchery business and other agricultural enterprises (26). He was replaced by D. C. Kennard, a graduate of the University of Wisconsin and at the time an employee of the U.S.D.A. He remained in charge for thirty years, until retirement in 1951.

P. S. White, a graduate of North Carolina State University was appointed as an assistant in poultry investigations at the O.A.E.S.

1923

Professor Jacoby resigned to engage in the hatchery business and real estate (28). He was succeeded by E. L. Dakan who remained in charge until 1955.

Roy Roberts, a graduate of Purdue University was appointed as an instructor in the Department (28).

Seven poultry courses were listed in the 1923-24 College of Agriculture Bulletin and two short courses (27).

The first two poultry majors in the Department were graduated (74). One of them, A. L. (Whitey) Everett, developed the Erley Hatcheries at Delaware and is still active in the organization. The other one C. R. Crum, a Poultry Editor of the Agricultural Student, became a county agent. He has been deceased for several years.

The first annual poultry day was held at O.A.E.S. (29).

1924

R. E. Cray, a graduate of Rutgers University and at the time on the New Jersey Agricultural Extension Staff, was appointed a poultry extension specialist to replace Dakan who had been made Chairman of the Department (28).

The first poultry courses for graduate credit were listed in the Graduate School Bulletin (28). They were: Poultry feeding and housing, marketing of poultry products and poultry farm management.

Roy Roberts coached the first O.S.U. poultry judging team (30). It was entered in the Chicago collegiate contest. Roberts also assisted Dakan, Vickers

and Cray in organizing the Ohio Poultry Improvement Association (O.P.I.A.) and served as its first secretary-treasurer (30).

Dr. R. M. Bethke, a graduate of the University of Wisconsin, was appointed as an Assistant in the Department of Animal Industry at the O.A.E.S. to do animal and poultry nutrition work (31). He was the first Ph.D. associated with poultry work at the O.A.E.S. Dr. Bethke remained with the O.A.E.S. in various capacities until he resigned in 1948 to become Director of Research for the Ralston Purina Feed Company.

1925

Roy Roberts, while working as an instructor in the Department, received the first M.S. degree, with specialization in a poultry subject (35). Since the newly established poultry department had not yet been qualified to direct graduate thesis work, his research problem was directed by the Department of Agricultural Biochemistry. The thesis title was "The Comparative Value of Some Animal and Vegetable Protein Supplements for Laying Hens."

Roberts resigned to accept a position at Purdue University.

Percy White resigned at the O.A.E.S. to engage in market egg production (33).

1926

A. R. Winter, a graduate of West Virginia University and O.S.U. and at the time on the staff of the O.A.E.S. Department of Animal Industry was appointed as an assistant professor in the Department as a replacement for

Roberts (34). He later became the first Ph.D. in the O.S.U. Department and remained in it in various capacities for 41 years, until retirement in 1967.

P. B. Zumbro, a 1926 graduate of O.S.U. and one of the early majors in the Department, was appointed as a poultry extension specialist. He remained in this position until 1937 when he resigned to accept a position with the U.S.D.A., where he is still located (34).

The Department moved from the attic room in the Judging Pavilion to the first floor as the Department of Animal Husbandry moved into the new Plumb Hall (34).

A new and larger poultry farm was under construction north of Lane Avenue and west of the Olentangy River Road (34). The southwest part of the farm still exists as the northeast corner of the present farm.

By 1926, seventeen students were majoring in poultry husbandry with five of them in the class of '26.

Extension activities included a training school for employees of the recently organized Ohio Poultry Improvement Association and demonstration flock record keeping with more than 1000 cooperators (34).

Amanda Mae Smith was the first girl to receive a B.S. degree in agriculture with specialization in poultry science.

1927

In October, the first poultry field day was held on the campus with more than 500 in attendance (36).

The animal industry office and laboratory building was completed at the O.A.E.S. and the poultry office was moved into it from one of the buildings across the street (37).

1928

The first M.S. degree granted with supervision by the Department was granted to Norma Frank (35). The thesis title was "Factors Affecting the Hatchability of Hens' Eggs with Special Reference to the Physical Factors." The work was directed by A. R. Winter. Miss Frank accepted a position in the research department of the Buckeye Incubator Company, Springfield, Ohio and for the past several years has been on the staff of the O.A.E.S. Department of Veterinary Science.

G. S. Vickers resigned to become executive secretary of the O.P.I.A. (36).

The first baby chick fair was held in March in Plumb Hall (36). Funds from sale of exhibit space were used to finance the fair and programs on housing, breeding, feeding and marketing.

The Ohio Grain, Mill and Feed Dealers Association cooperated with the Department in the feed section program -- the first college feed conference program in the country.

Since the Department had no official connection with the O.A.E.S. at the time, it had no state or federal funds for poultry research. However, a limited amount of money was available from the poultry farm rotary and from industry grants. The following projects were under way in 1928: nutritive value of blood meal, cane molasses for poultry, mineral requirements for

poultry and the spread of pullorum in incubators (36). The first industry grant was from the Buckeye Incubator Company for the pullorum study (38).

1929

C. M. Ferguson, a graduate of Ontario Agricultural College and at this time on the staff of Michigan State University, was appointed as a poultry extension specialist where he remained until 1949 when he became director of the Ohio Agricultural Extension Service (39).

A new \$35,000 poultry service building and attached brooder house was put into use on the O.A.E.S. poultry farm (40). It was equipped with feed mixing and storage facilities, incubators, and battery brooders, laying cages, an egg storage room and central heating plant for the building and the attached hot water heated brooder house.

P. R. Record and O. H. M. Wilder were appointed as assistants in the Department of Animal Industry to work with Dr. Bethke on poultry nutrition problems at the O.A.E.S. (40).

L. B. Nettleton, the poultry farm manager at the O.A.E.S. resigned to engage in commercial poultry production (40).

Verne Chamberlain, a 1929 graduate of the University with a major in poultry, was appointed as the replacement for Nettleton as the poultry farm manager at the O.A.E.S. (42).

D. C. Kennard of the O.A.E.S. staff reported on a hen that had been raised in a cage and kept on wire for seven years, thus proving for the first time the feasibility of poultry production in cages (10) (40).

1930

By this date enrollment in poultry had increased to 139 in undergraduate courses, one in graduate work, and 88 in three short courses (41).

1932

The O.A.E.S. printed a 50-year index of personnel and publications which included poultry (42).

1940

The Department moved from the Judging Pavilion on Neil Avenue to the new Poultry Administration Building at 674 West Lane Avenue on the west campus (10). It was financed largely by WPA funds.

Part of the university farm buildings were moved from the Olentangy River Road entrance to just north of the Poultry Administration Building and combined into two long buildings with center feed rooms.

1941

R. E. Cray was appointed part-time on the O.A.E.S. staff to head the poultry marketing research work. This was the first joint appointment as he was already a poultry extension specialist (76).

D. D. Moyer, a graduate of the University and at the time on the staff of the University of Missouri, was appointed as a poultry extension specialist.

1942

R. E. Cray resigned to head the poultry marketing work for the Ralston Purina Feed Company (77).

Alfred Van Wagenen, a graduate of Cornell University, was appointed as a replacement for Cray (77).

P. R. Record resigned at the O.A.E.S. to do feed consultant work for a feed company (78).

O. M. H. Wilder resigned at the O.A.E.S. to accept a position with the American Meat Institute (78).

1944

The Poultry Endowment Fund was started by a gift of \$10,000 from the O.P.I.A. and a campaign carried on jointly by the organization and the Department (43).

1945

Poultry was separated from the Department of Animal Industry at the O.A.E.S. and D. C. Kennard made Chairman (44).

1946

Dr. R. G. Jaap a graduate of the University of Saskatchewan and the University of Wisconsin and at the time on the staff of Oklahoma State University joined the Department to develop a poultry genetics teaching and research program (45).

1948 - to date. POULTRY SCIENCE DEPARTMENT
COMBINED AT O.S.U. AND O.A.E.S.

1948

The poultry work was combined at O.S.U. and the O.A.E.S. with E. L. Dakan as Chairman and D. C. Kennard as Associate Chairman (46).

R. M. Bethke resigned from his nutrition position at the O.A.E.S. to become assistant director of the station (47).

1949

The first Ph.D. was granted by O.S.U. with specialization in Poultry Science. G. F. Godfrey, a graduate of the University of New Hampshire and O.S.U. was the recipient (35). The dissertation was directed by Dr. Jaap.

R. E. Cray returned to the Department to head the poultry marketing work (47).

C. M. Ferguson resigned to become Ohio Agricultural Extension Director (47).

Mahlon Sweet a graduate of the University and Iowa State College was appointed to the extension position vacated by Ferguson (47).

1950

Emil Malinovsky, a graduate of O.S.U. and at the time in extension service, was appointed as a poultry extension specialist to head the youth program.

1951

Dr. Jaap was given a year's leave to accept a Fulbright Visiting Professorship in Scotland (48). Theo Coleman, a Ph.D. candidate in poultry genetics, was given a temporary appointment to handle some of the teaching and research work during Dr. Jaap's absence.

Mahlon Sweet resigned to accept a position with the Watt Publishing Company (48).

Dr. Harold Yacowitz, a graduate of Cornell University, was appointed to handle the poultry nutrition teaching and research work at O.S.U. formerly handled by Dr. Winter (48). He also was placed in charge of the poultry nutrition work at the O.A.E.S.

D. C. Kennard retired, after 30 years in charge of poultry work at the O.A.E.S. (49). Dr. Earl Moore, a graduate of O.S.U. and at the time a professor in the College of Veterinary Medicine at Cornell University was appointed to Kennard's position (49).

1953

D. D. Moyer resigned as poultry extension specialist, specializing in turkey production, to accept a somewhat similar position with the Red Comb Feed Company (50).

Richard Carter, a graduate of the Department was appointed to the O.A.E.S. poultry staff to do turkey nutrition work (51).

1954

Arthur Bayes retired after 43 years as manager of the O.S.U. poultry farm (52).

1955

E. L. Dakan resigned as Chairman of the Department to accept a foreign O.S.U. - AID assignment at the Punjab Agricultural University in India (53). Dr. Winter was appointed as his replacement.

Dr. Glyde Marsh, a graduate of the O.S.U. College of Veterinary Medicine and at the time an employee of the U.S.D.A. Bureau of Animal Industry was appointed to handle the poultry disease teaching, research and extension work formerly handled by Dr. Winter (53). He was also given a consultant appointment in the Department of Veterinary Science at the O.A.E.S. and a teaching assignment in the Pathology Department of the College of Veterinary Medicine. Dr. Marsh was the first and only staff member, to date, having a four department appointment.

Billy Goodman a graduate of Oklahoma State University, and Karl Bletner, a graduate of West Virginia University were given temporary instructor appointments to help out with teaching and research work while working for Ph.D. degrees (53).

Dr. Yacowitz resigned to join the research staff of E. R. Squibb and Company (53).

John Wyne, a graduate of the University and at the time the operator of a commercial poultry farm, was appointed poultry farm manager at the

O.A.E.S. (54). Verne Chamberlin who had been manager returned to turkey management research work.

Dr. Moore was transferred to the O.A.E.S. Department of Veterinary Science (54).

A poultry disease research building was completed at the O.A.E.S. and was transferred to the Department of Veterinary Science (54).

The O.A.E.S. poultry staff moved from the Animal Industry Building across the street to the remodeled wool laboratory building (54).

1956

Dr. Edward Naber, a graduate of the University of Wisconsin and at the time on the poultry staff of Clemson College, was appointed to head the poultry nutrition position at the O.S.U. and the O.A.E.S. vacated by Dr. Yacowitz (55).

Dr. Morley McCartney, a graduate of Ontario Agricultural College and the University of Maryland and at the time on the staff of the Pennsylvania State University, was appointed as Associate Chairman at the O.A.E.S. as a replacement for Dr. Moore (55) (56).

Professor Dakan returned from his foreign assignment in India and retired after 37 years in the Department and all except five as Chairman (55).

1957

Richard Carter resigned at the O.A.E.S. to accept a turkey poultry extension position at Iowa State University (57).

1958

Dr. Paul Clayton, a graduate of the University and at the time on the staff of the University of Nebraska, was appointed as a poultry extension specialist to do work in poultry farm management and marketing (58).

Dr. Karl Bletner, resigned to accept a position as poultry nutritionist at the University of Tennessee (58).

Dr. Billy Goodman resigned to accept a position as poultry geneticist at Southern Illinois University (58).

Dr. Keith Brown, a graduate of Kansas State University and the University of Wisconsin and at the time on the staff of the Oklahoma State University College of Veterinary Medicine, was appointed to a new position as avian physiologist at the O.A.E.S. and O.S.U. (59).

John Wyne resigned as poultry farm manager at the O.A.E.S. to join a Canadian turkey production and marketing organization (59).

William Harshbarger replaced Wyne as the O.A.E.S. poultry farm manager (59).

1959

Dr. George Mountney, a graduate of the University of Maryland and Texas A & M University and at the time on the staff of the Texas institution, was appointed to a new position as poultry products technologist to take charge of the teaching and research work in this area formerly handled by Dr. Winter (60).

Two new poultry farm buildings were completed on the O.S.U. poultry farm, just northwest of the Poultry Administration Building (60).

A pole barn was constructed on the O.A.E.S. poultry farm for turkey rearing and breeding stock (61).

1960

Dr. S. P. Touchburn, a graduate of the University of British Columbia and O.S.U., was appointed on the staff at the O.A.E.S. to handle the poultry nutrition work at Wooster (61).

1961

Dr. Clayton replaced Professor Cray as poultry science advisor at Punjab Agricultural University, Ludhiana, Punjab, India when the latter became group leader of the O.S.U. - U.S.AID contract (62).

G. S. Vickers, a former member of the poultry extension staff was appointed on a part-time basis to handle the cost of egg production project started by Dr. Clayton (62).

1963

Dr. Ralph Baker, a graduate of the Ohio State University and Iowa State University and at the time on the staff of the Department of Agricultural Economics at Pennsylvania State University, was appointed to head the poultry teaching research and extension, positions vacated by Professor Cray and Dr. Clayton, who were on O.S.U. - U.S.AID assignments in India (63).

Dr. Edward Bohl of the Department of Veterinary Science at the O.A.E.S. was given a joint appointment on the poultry staff as a consultant and cooperator in poultry pathology research work (64).

1964

Dr. Winter resigned as Chairman of the Department to accept an O.S.U. - U.S.AID appointment as poultry science advisor at the Punjab Agricultural University, Ludiana, Punjab, India (65).

Dr. W. R. Harvey, at the time on the staff of the Bureau of Animal Industry of the U.S.D.A., was given a joint appointment as research professor in the Department of Animal Science, Dairy Science and Poultry Science to develop a program in population genetics (65).

Dr. E. C. Naber was granted a leave of absence to serve as a visiting professor at the University of Wisconsin during the 1964-65 academic year.

1965

Dr. Robert Cook a graduate of West Virginia University and of the North Carolina State University and at the time on the staff of the U.S.D.A. Bureau of Animal Industry, replaced Dr. Winter as Chairman of the Department (66).

Dr. McCartney resigned to become head of the poultry department at the University of Georgia (67).

Dr. Keith Brown replaced McCartney as associate chairman at the O.A.R.D.C.

Dr. Karl Nestor a graduate of West Virginia University and O.S.U. was appointed on the O.A.R.D.C. staff to do turkey genetics work formerly handled by Dr. McCartney (67).

Dr. Rose-Marie Wegner from Bonn University in West Germany spent six month on the faculty as a visiting scholar.

William Harshbarger resigned as poultry farm manager at the O.A.R.D.C. to accept a similar position at the University of Georgia (67) and Philip Renner, a graduate of O.S.U., replaced him.

1966

Professor Cray who had been on the staff during 1924-41 and 1949 to date retired (68). He spent the last eight years on the O.S.U. - U.S.AID contracts, the first four in India as poultry advisor at the Punjab Agricultural University, Ludhiana, Punjab, India, the next two as group leader at Chandigarh, Punjab, India and the last two as O.S.U. Campus Coordinator of the O.S.U. - U.S.AID India and Brazil contracts.

G. S. Vickers retired as a part-time extension employee handling the cost of egg production project (68). The work was taken over by Dr. Baker.

A number of old poultry buildings on the O.A.R.D.C. poultry farm were torn down and two modern turkey buildings constructed (69).

A new office and laboratory building (Gerlaugh Hall) for the O.A.R.D.C. Department of Animal Science, Dairy Science and Poultry Science was dedicated (71).

1967

Dr. Winter returned from a three year O.S.U. - U.S.AID position and retired after 42 years service in the Department and five previous ones at O.A.R.D.C. (70) (71).

Dr. J. F. Stephens, a graduate of the University of Tennessee and at the time on the staff of Clemson University, was appointed on the staff to do general animal science (including poultry) teaching and research work in avian pathology (microbiology) (72). His appointment became effective January, 1968.

James Marquand, a graduate of the University and at the time an Ohio extension specialist in boys and girls club work, was appointed the first area poultry extension agent, for northeastern Ohio and with headquarters at the O.A.R.D.C. (72).

Dr. Wayne Bacon, a graduate of the University of Wisconsin, was appointed on the O.A.R.D.C. staff to do avian physiology work (71).

1968

Dr. P. C. Clayton returned from an extended period of service with the O.S.U. - U.S.AID Mission in India and was reassigned to the A.I.D. Mission at the College of Agriculture of the University of Sao Paulo, Piracicaba, Brazil.

Miss M. A. Topscher, a Master's Degree graduate from Indiana University and Former Instructor at Wooster College was appointed as an Instructor on the O.A.R.D.C. staff.

Dr. K. I. Brown was granted a leave of absence for the 1968-69 academic year to engage in research on turkey semen physiology at the University of Minnesota.

1969

Dr. R. E. Cook resigned his position as Department Chairman to accept a similar position at North Carolina State University.

Dr. G. J. Mountney resigned from the department to accept a position with the Cooperative State Research Service of the U.S.D.A.

Dr. R. L. Baker transferred from the Department of Poultry Science to the Department of Agricultural Economics and Rural Sociology.

Dr. E. C. Naber, a faculty member in the department since 1956, was named department chairman to replace Dr. R. E. Cook.

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Appendix

Table 1

<u>Name</u>	<u>The Poultry Staff Service</u>	<u>Specialization</u>
Bacon, Wayne	1967 - to date	Physiology
Baker, Ralph	1961 - to date	Marketing
Bayes, Arthur	1911 - 1954	Farm Manager
Bethke, R. M.	1924 - 1948	Nutrition
Bletner, Karl	1956 - 1958	Nutrition
Brown, Keith	1958 - to date	Physiology
Bohl, Edward	1963 - to date	Pathology
Buss, Walter	1910 - 1920	Management
Carter, Richard	1953 - 1957	Nutrition
Chamberlain, Verne	1929 - to date	Management
Clayton, Paul	1954 - to date	Marketing
Cook, Robert	1965 - 1969	Genetics
Cotterill, Ivan	1954 - to date	Farm Manager
Cray, Raymond	1924 - 1942 and 1949 - 1966	Marketing
Dakan, Everett	1919 - 1956	Management
Dann, A. B.	1918 - 1919	Extension
Ferguson, Clarence	1929 - 1949	Extension
Goodman, Billy	1953 - 1958	Genetics
Harvey, W. R.	1964 - to date	Genetics
Jaap, George	1946 - to date	Genetics
Jacoby, Freeman	1911 - 1923	Management

Table 1 (Cont.)

<u>Name</u>	<u>The Poultry Staff Service</u>	<u>Specialization</u>
Kennard, D. C.	1921 - 1951	Management
Kilpatrick, M. C.	1915 - 1919	Extension
McCartney, Morley	1956 - 1963	Genetics
Malinovsky, Emil	1950 - to date	Extension
Marsh, Glyde	1955 - to date	Pathology
Miller, D. P.	1948 (only)	Marketing
Moore, Earl	1951 - 1955	Pathology
Mountney, George	1959 - 1969	Technology
Moyer, D. D.	1941 - 1953	Extension
Monroe, H. D.	1919 - 1920	Extension
Naber, Edward	1956 - to date	Nutrition
Nestor, Karl	1965 - to date	Genetics
Nettleton, L. B.	1923 - 1929	Farm Manager
Pensak, James	1946	Nutrition
Record, Paul	1929 - 1942	Nutrition
Roberts, Roy	1923 - 1925	Nutrition
Sherwood, Ross	1910 - 1912	Nutrition
Sweet, Mahlon	1949 - 1951	Extension
Touchburn, Sherman	1960 - to date	Nutrition
Van Wagenen, Alfred	1942 - 1945	Marketing
Vickers, Gates	1920 - 28 and 1961 - 1965	
White, Percy	1921 - 1925	Management

Table 1 (Cont.)

<u>Name</u>	<u>The Poultry Staff Service</u>	<u>Specialization</u>
Wilder, O. H. M.	1929 - 1942	Nutrition
Winter, Alden	1926 - 1967	Technology
Wyne, John	1955 - 1958	Management
Yacowitz, Harold	1951 - 1955	Nutrition
Zumbro, Paul	1926 - 1937	Extension

Table 2

Graduate (Research) Assistants

<u>Name</u>	<u>Service</u>	<u>Specialization</u>
Adams, Ozzie	1955-56 and 1958-60	Nutrition
Applegate, Kenneth	1967 - to date	Technology
Arganosa, Felicitas	1961-62	Technology
Bajpai, P. K.	1961-64	Physiology
Bajpayee, D. P.	1965 - 1968	Physiology
Beck, Jason	1950-52	Genetics
Bletner, Karl	1955-58	Nutrition
Buckingham, Richard	1947-48	Genetics
Burtner, R. H.	1958-59	Technology
Button, Edward	1949-50	Nutrition
Carter, Richard	1952-55	Nutrition
Chang, Timothy	1952-57	Pathology
Clancy, James	1967-68	Genetics
Clayton, Paul	1949-52	Marketing
Coleman, Theodor	1949-53	Genetics
Cotterill, Owen	1947-54	Technology
Dempsey, Gilbert	1959-64	Marketing
Dobson, Gordon	1948-49	Marketing
Espenschied, R.	1966-67	Marketing
Garland, Fred	1946-47	Pathology
Glick, Bruce	1952-55	Physiology
Godfrey, Edward	1949-53	Genetics

Table 2 (Cont.)

<u>Name</u>	<u>Service</u>	<u>Specialization</u>
Godfrey, George	1941-42 and 1946-52	Genetics
Grimes, John	1951-54	Genetics
Halbrook, Ernest	1948-50	Nutrition
Howe, Patricia	1960-61	Physiology
Ingram, Robert	1948-49	Genetics
Jasper, William	1950-51	Marketing
Johnson, T. H.	1963-64	Technology
Keyser, Glen	1967 - to date	Nutrition
Kielbasa, Emil	1946-47	Technology
Knapp, M. J.	1963-64	
Lesley, R. S.	1947-48	Genetics
Logsdon, Wade	1941	
Luckham, William	1956-59	Marketing
MacDonald, R. H.	1951-53	Marketing
Mabee, Michael	1967 - to date	Technology
Marquand, James	1950-51	Pathology
Marsh, Glyde	1947-48	Pathology
Mast, Morris	1967 - to date	Technology
Mehta, V. S.	1966-67	Pathology
Miller, James	1951-52	Marketing
Mohammadian, Mansour	1967 - to date	Genetics
Mohan, Ram	1967-68	Pathology
Moyer, David	1960-62	Marketing
Muir, Forest	1963-67	Genetics

Table 2 (Cont.)

<u>Name</u>	<u>Service</u>	<u>Specialization</u>
Murray, Marion	1955-57	Physiology
Nestor, Karl	1961-65	Genetics
Ogot, Joel	1966-67	Pathology
Ogra, M. S.	1964-68	Pathology
Olle, David	1962-64	Nutrition
Parkhurst, Carmen	1957-68	Extension
Pflanz, Martin	1967-68	Genetics
Randles, Carl	1946-47	Embryology
Renard, Mel	1948-49	Genetics
Rolfes, Thomas	1954-55	Technology
Rollins, Frank	1956-59	Marketing
Ross, Ernest	1951-55	Nutrition
Roth, Gerald	1964-65	Physiology
Schlamb, Kermit	1946-47	Nutrition
Scott, Frederick	1967-68	Management
Silva, Roberto	1966-68	Nutrition
Singh, Dalbir	1966-68	Genetics
Singh, Ram	1967 - to date	Nutrition
Sinha, S. K.	1965-67	Technology
Smith, James	1955-59	Genetics
Smith, N. H.	1960-61	Genetics
Stein, Gordon	1966 - to date	Physiology

Table 2 (Cont.)

<u>Name</u>	<u>Service</u>	<u>Specialization</u>
Strite, Gordon	1950-53	Nutrition
Temple, Roger	1956-60	Genetics
Touchburn, Sherman	1956-59	Nutrition
Vyas, Umaid	1967-68	Pathology
Williams, A. G.	1941-42	Physiology

Table 3

Degrees Granted with Specialization in Poultry Science

Year	B.S. Agr.	M.S.	Ph.D.	Total
1915	1			1
1918	1			1
1923	2			2
1925	1	1		2
1926	5			5
1927	3			3
1928	2	1		3
1929	3			3
1930	5	1		6
1931	3			3
1932	0			0
1933	6	3		9
1934	8	1		9
1935	2			2
1936	0			0
1937	1			1
1938	3	1		4
1939	2	1		3
1940	9			9
1941	1			1
1942	4	1		5
1943	4			4

Table 3 (Cont.)

<u>Year</u>	<u>B.S. Agr.</u>	<u>M.S.</u>	<u>Ph.D.</u>	<u>Total</u>
1944	1			1
1945	0			0
1946	5	1		6
1947	7	3		10
1948	6	4		10
1949	8	4	1	13
1950	5	5	1	11
1951	12	6		18
1952	5	3	1	9
1953	6	2	2	10
1954	7	0	3	10
1955	4	2	3	9
1956	6	1		7
1957	5	4	1	10
1958	5	0	1	6
1959	6	1	5	12
1960	3	3	1	7
1961	0	1		1
1962	3	2		5
1963	2			2
1964	1			1

Table 3 (Cont.)

<u>Year</u>	<u>B.S. Agr.</u>	<u>M.S.</u>	<u>Ph.D.</u>	<u>Total</u>
1965	3	1		4
1966	2	1		3
1967	4	2	1	7
<hr/>				
Total	172	56	20	248